

**Listing of the Claims:**

The following is a complete listing of all the claims in the application, with an indication of the status of each:

- 1        Claim 1 (Currently Amended). An IP (Internet Protocol) packet priority  
2        control system which performs priority control on a session-by-session  
3        basis by distributing load to hardware to enable communication without  
4        interference between images and control information comprising:  
5                ~~the Internet~~ a network, operating under program control;  
6                a terminal, a server, and a router connected to said ~~Internet~~  
7        network; and  
8                means for a Quality of Service (QoS) setting priority in an IP  
9        packet on a session-by-session basis in which the terminal or the server  
10       adds a priority parameter passing to a standard Application Programming  
11       Interface (API), and  
12               wherein said priority parameter including priority information, a  
13       port number and IP address from an application with a higher priority on  
14       control information vulnerable to delay than image data, and  
15               wherein ~~an~~ the IP packet is transmitted and received under priority  
16       control among said terminal, said server, and said router.
- 1        2 (Original). The IP packet priority control system according to claim 1,  
2        wherein said session comprises sessions of a voice call, image data, and a  
3        JAVA applet of a browser.
- 1        3 (Currently Amended). The IP packet priority control system according to  
2        claim ~~1~~ 2, wherein the priority in said IP packet is set such that priority of  
3        control information of a voice call is high, priority of image data of a  
4        browser is low, and priority of a JAVA applet is intermediate between said  
5        control information and said image data.

1        4 (Currently Amended). The IP packet priority control system  
2        according to claim 1, wherein said means for setting priority in ~~an~~ the IP  
3        packet performs setting on a session-by-session basis in which a the  
4        terminal or a the server adds priority parameter passing to a standard API  
5        rather than on a port-by-port basis in which a the router prioritizes control  
6        information with QoS (Quality of Service) control.

1        5 (Currently Amended). The IP packet priority control system according to  
2        claim ~~1~~ 4, wherein said means for setting priority in ~~an~~ the IP packet  
3        performs setting such that, in a the terminal including an application layer,  
4        a SOCKET layer, a TCP/UDP (Transmission Control Protocol/ User  
5        Diagram Protocol) layer, an IP layer, and an interface layer, said SOCKET  
6        adds priority parameter passing to a standard API for use on the ~~Internet~~  
7        network.

1        6 (Currently Amended). The IP packet priority control system according to  
2        claim 1, wherein said means for setting priority in ~~an~~ the IP packet  
3        performs setting such that, in a the server including an application layer, a  
4        SOCKET layer, a TCP/UDP layer, an IP layer, and an interface layer, said  
5        SOCKET adds priority parameter passing to a standard API for use on the  
6        ~~Internet~~ network.

1        7 (New). An Internet Protocol (IP) control method which performs priority  
2        control on a session-by-session basis by distributing load to hardware to  
3        enable communication without interference between images and control  
4        information comprising the steps of:  
5                transmitting and receiving an IP packet among a terminal, a server  
6                and a router on a network operating under program control; and  
7                setting a Quality of Service (QoS) priority in the IP packet on a  
8        session-by-session basis in which the terminal or the server adds a priority

9 parameter passing to a standard Application Programming Interface (API),  
10 said priority parameter including priority information, a port number and  
11 IP address from an application with a higher priority on control  
12 information vulnerable to delay than image data.

1 8 (New). The Internet Protocol (IP) control method according to claim 1,  
2 wherein said session comprises sessions of a voice call, image data , and a  
3 JAVA applet of a browser.

1 9 (New). The Internet Protocol (IP) control method according to claim 8,  
2 wherein the priority in said IP packet is set such that priority of control  
3 information of a voice call is high, priority of image data of a browser is  
4 low, and priority of a JAVA applet is intermediate between said control  
5 information and said image data.